



PATENT  
Docket No. 02356/7

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTORS : Naoyuki TANIGUCHI, et al.  
SERIAL NO. : 09/839,136  
FILED : April 23, 2001  
FOR : ALPHA 1-6 FUCOSYLTRANSFERASE  
GROUP ART : 1652 (anticipated)  
EXAMINER : Not Assigned

Assistant Commissioner for Patents  
Washington, D.C. 20231

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OCT 25 2001  
TECH CENTER 1600/2900

**PRELIMINARY AMENDMENT ADDING ABSTRACT**

SIR:

Prior to examination of the above-identified application, please enter the following amendments.

**In the Specification:**

After page 119, please insert:

**--ABSTRACT OF THE INVENTION**

B-1 An isolated, porcine  $\alpha$ 1-6 fucosyltransferase having the following physico-chemical properties:

- (1) action: transferring fucose from guanosine diphosphate-fucose to a hydroxy group at 6-position of GlcNAc closest to R of a receptor  
(GlcNAc $\beta$ 1-2Man $\alpha$ 1-6)(GlcNAc $\beta$ 1-2Man $\alpha$ 1-3)Man $\beta$ 1-4GlcNAc $\beta$ 1-4GlcNAc-R wherein R is an asparagine residue or a peptide chain carrying said residue, whereby to form (GlcNAc $\beta$ 1-2Man $\alpha$ 1-6)-(GlcNAc $\beta$ 1-2Man $\alpha$ 1-3)Man $\beta$ 1-4GlcNAc $\beta$ 1-4(Fuc $\alpha$ 1-6)GlcNAc-R
- (2) optimum pH : about 7.0